

OCT 05 2005

500.42876X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: MATSUMOTO et al

Serial No.: 10/616,972

Filed: July 11, 2003

For: Screw Compressor And Method Of Manufacturing  
Rotors Thereof

Art Unit: 3748

Examiner: T. Trieu

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 & 1.98Mail Stop: DD  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 5, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and a copy of the document listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for

a concise explanation of the relevance is satisfied by the following remarks.

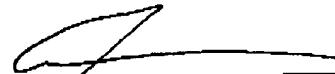
The cited reference, JP-A-6-108983, describes a contact type screw refrigerator in which both rotors are rotated in contact with each other. The screw compressor of the present invention is a non-contact type screw compressor in which both rotors are rotated with a gap there between by means of timing gears fixed at one ends of the rotor shafts. The concave stripes of the present invention provided for increasing air resistance has nothing to do with the refrigerant liquid filing holes 29 of JP-A-6-108983.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.42876X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Alan E. Schiavelli  
Registration No. 32,087

AES/at  
(703) 312-6600  
Attachments

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>Use as many copies as necessary</i></p> <p>Sheet <u>1</u> of <u>1</u></p>		<i>Complete If Known</i>	
		Application Number	10/618,972
		Filing Date	7/11/2003
		First Named Inventor	Kazuhito Matsumoto et al.
		Art Unit	3748
		Examiner Name	Trieu
		Attorney Docket Number	500 42876X00

<b>Examiner Signature</b>		<b>Date Considered</b>	
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**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.